

Figure 1A

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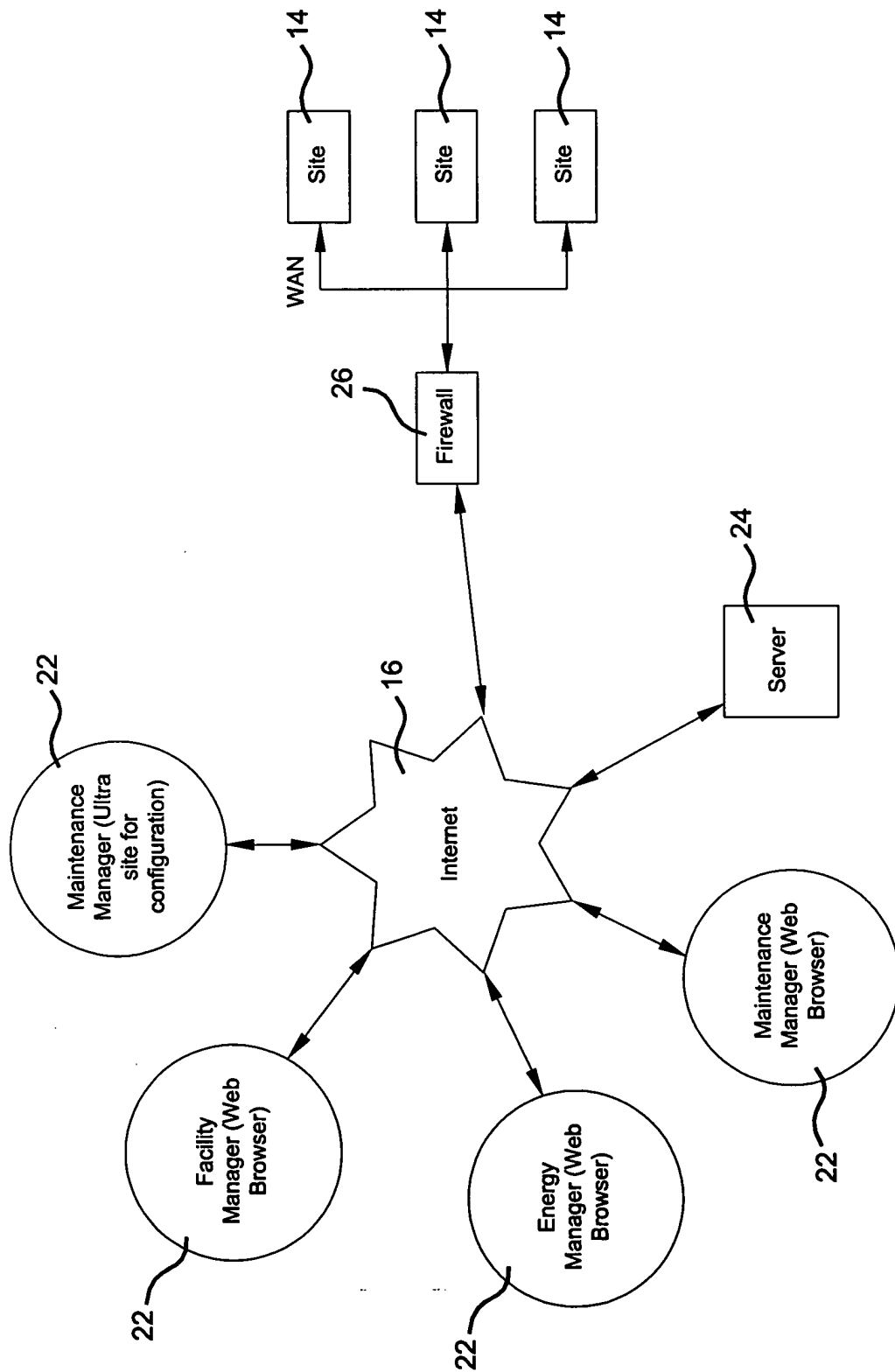


Figure 1B

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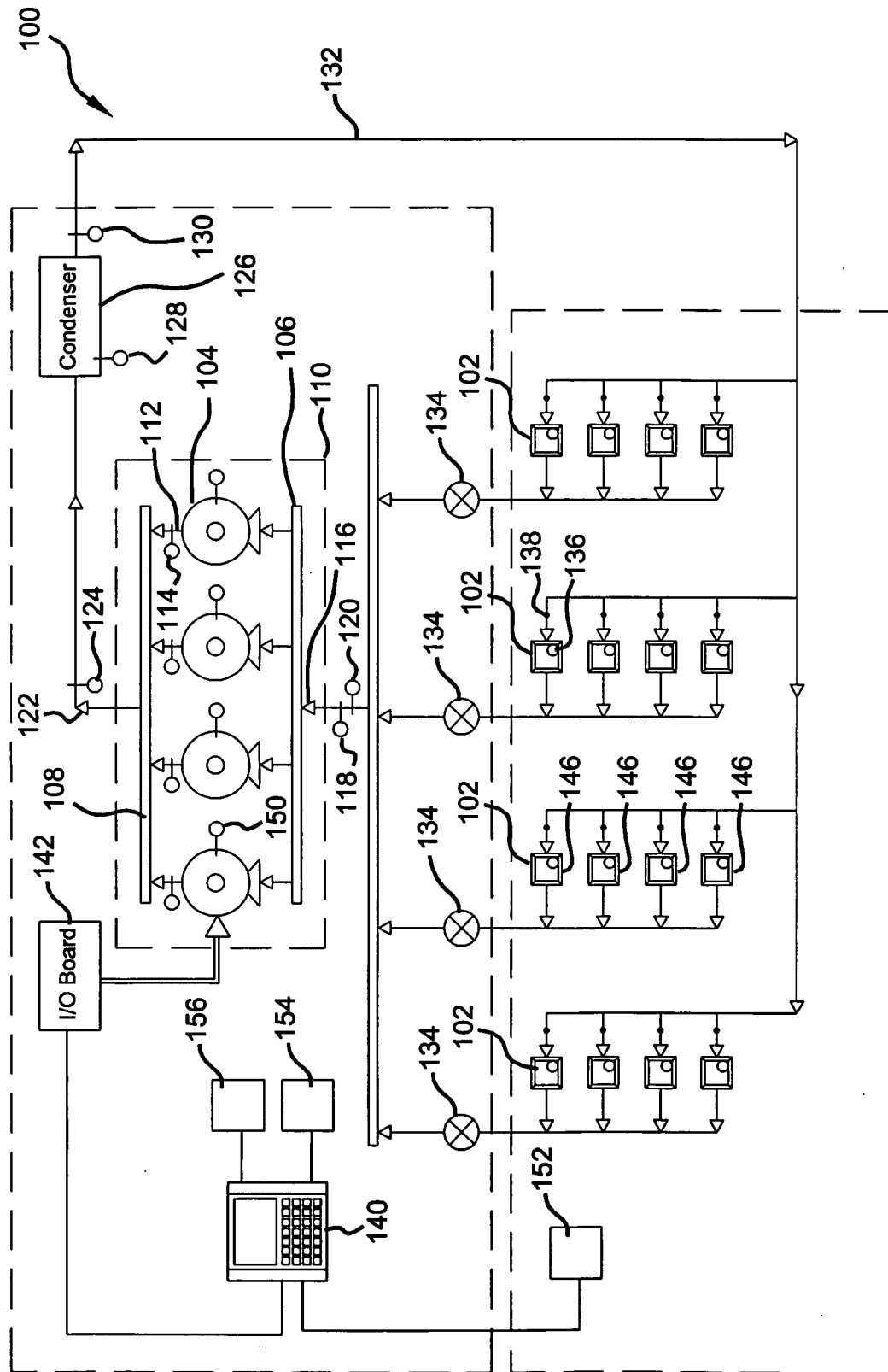


Figure 2

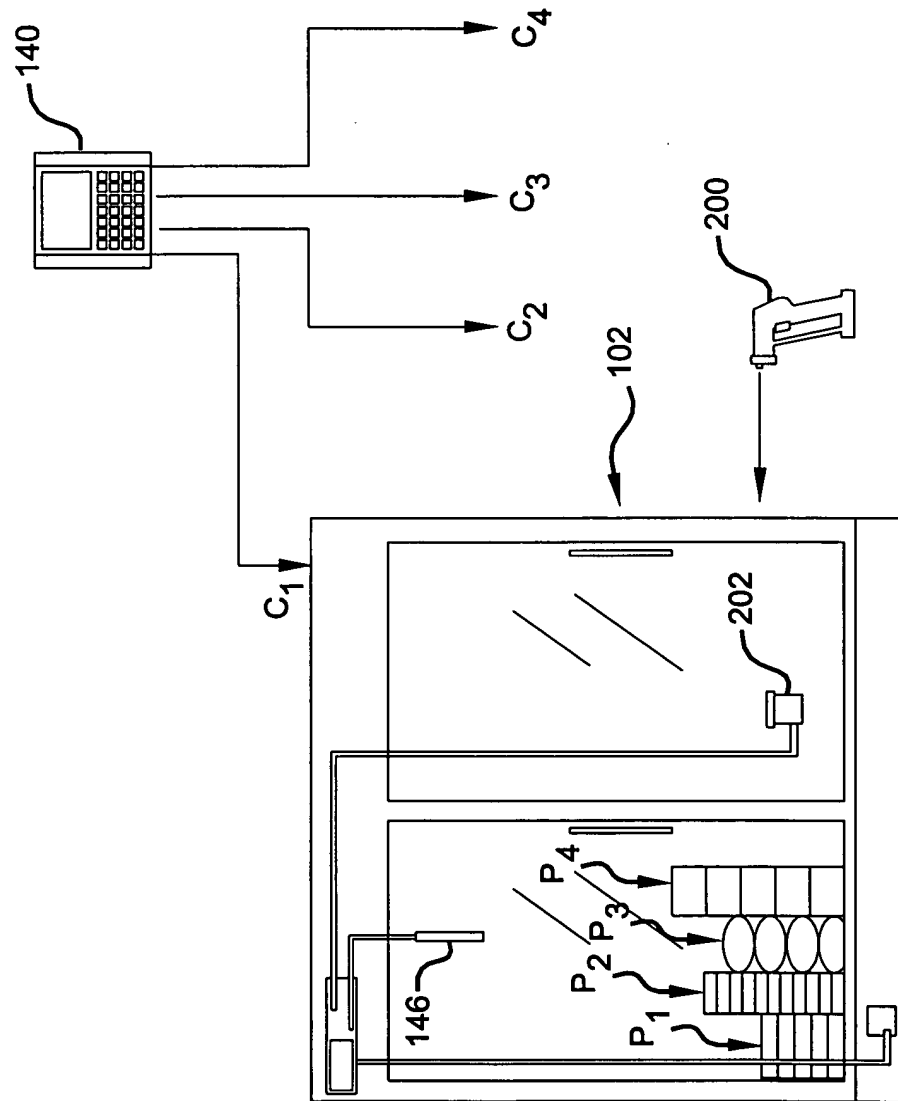


Figure 3

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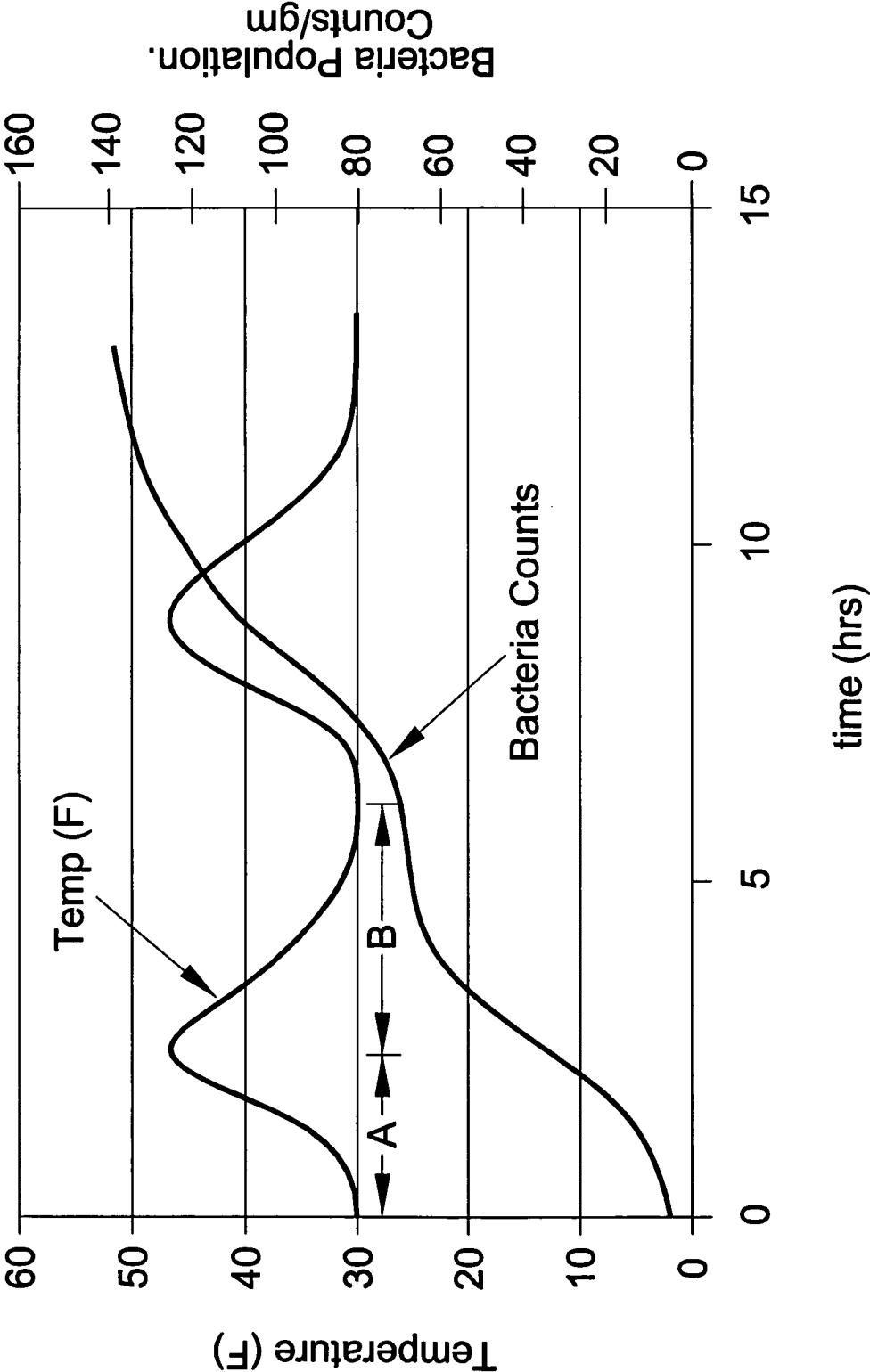


Figure 4

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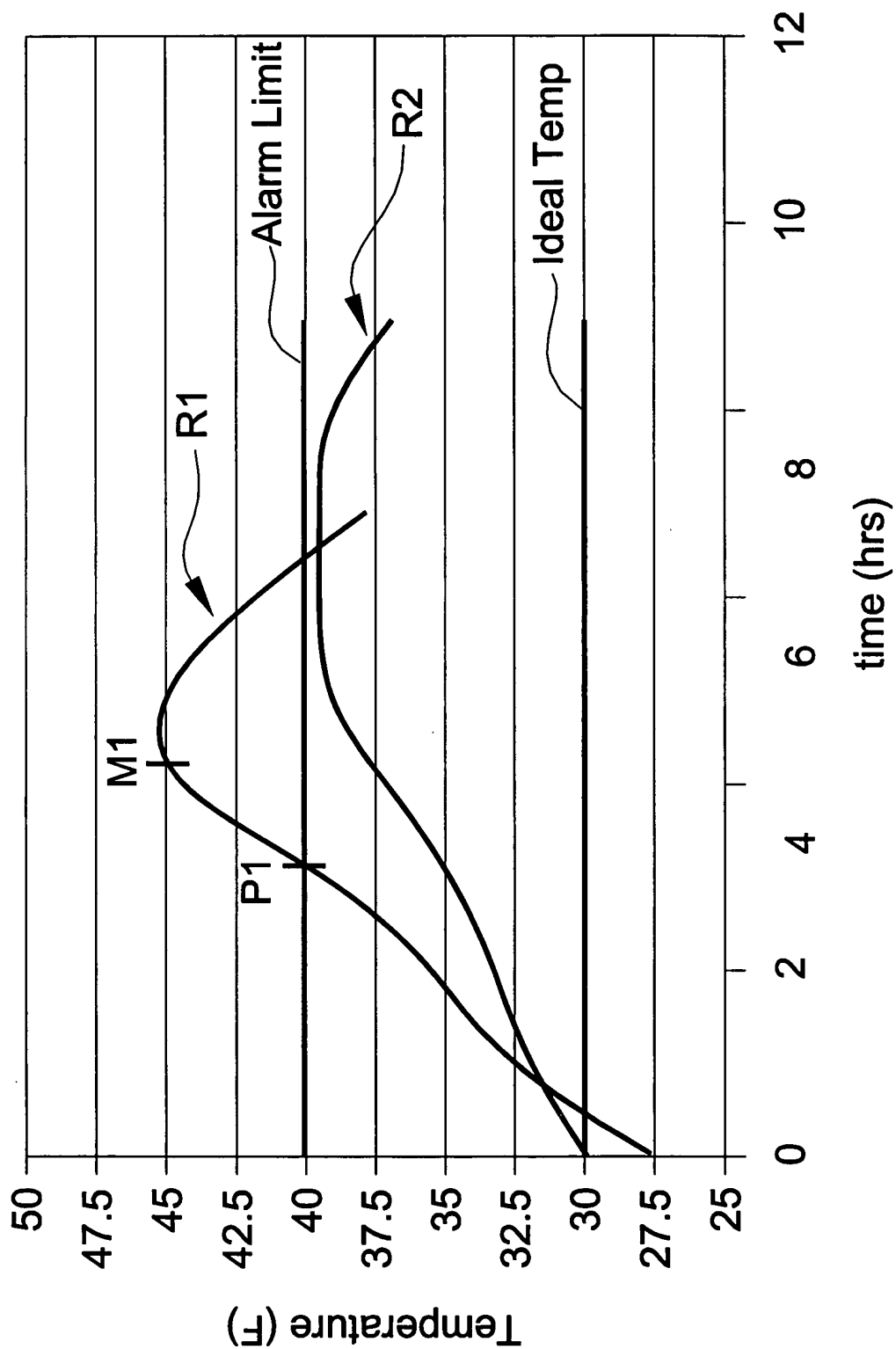


Figure 5

2023-04-26 14:36:30

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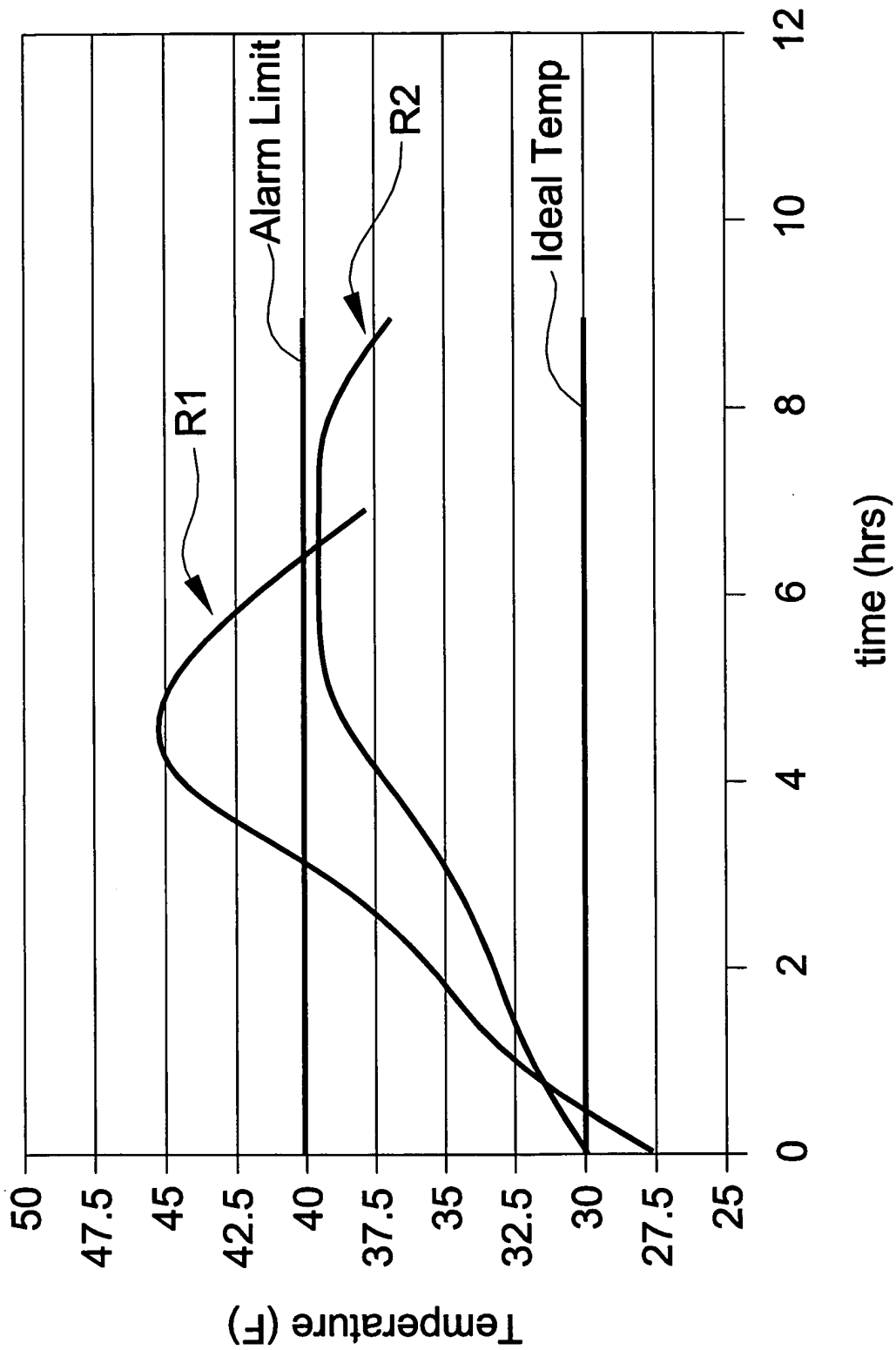
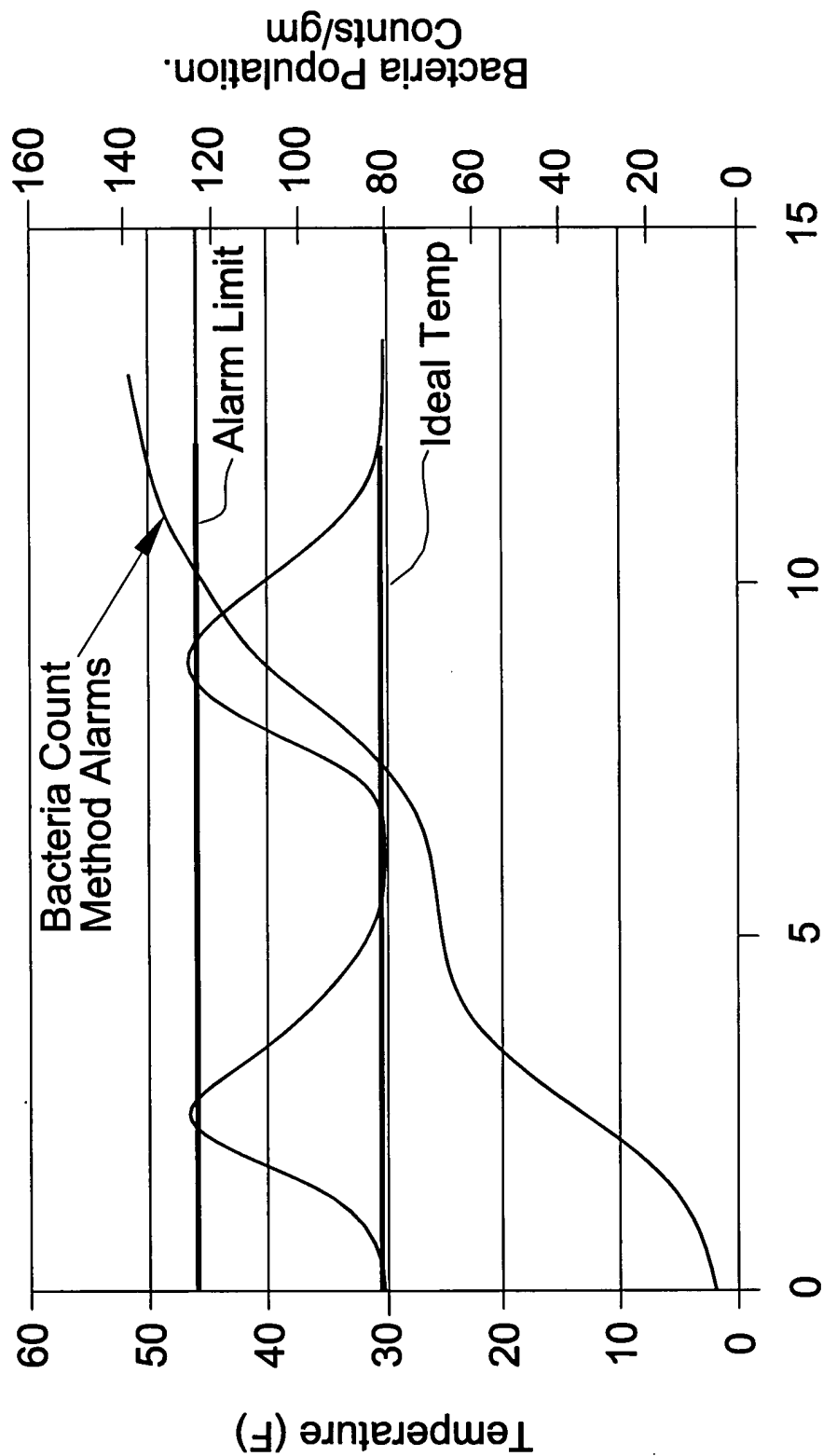


Figure 6

2023-04-26 14:36:23

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time (hrs)

Figure 7

2023-04-26 15:00

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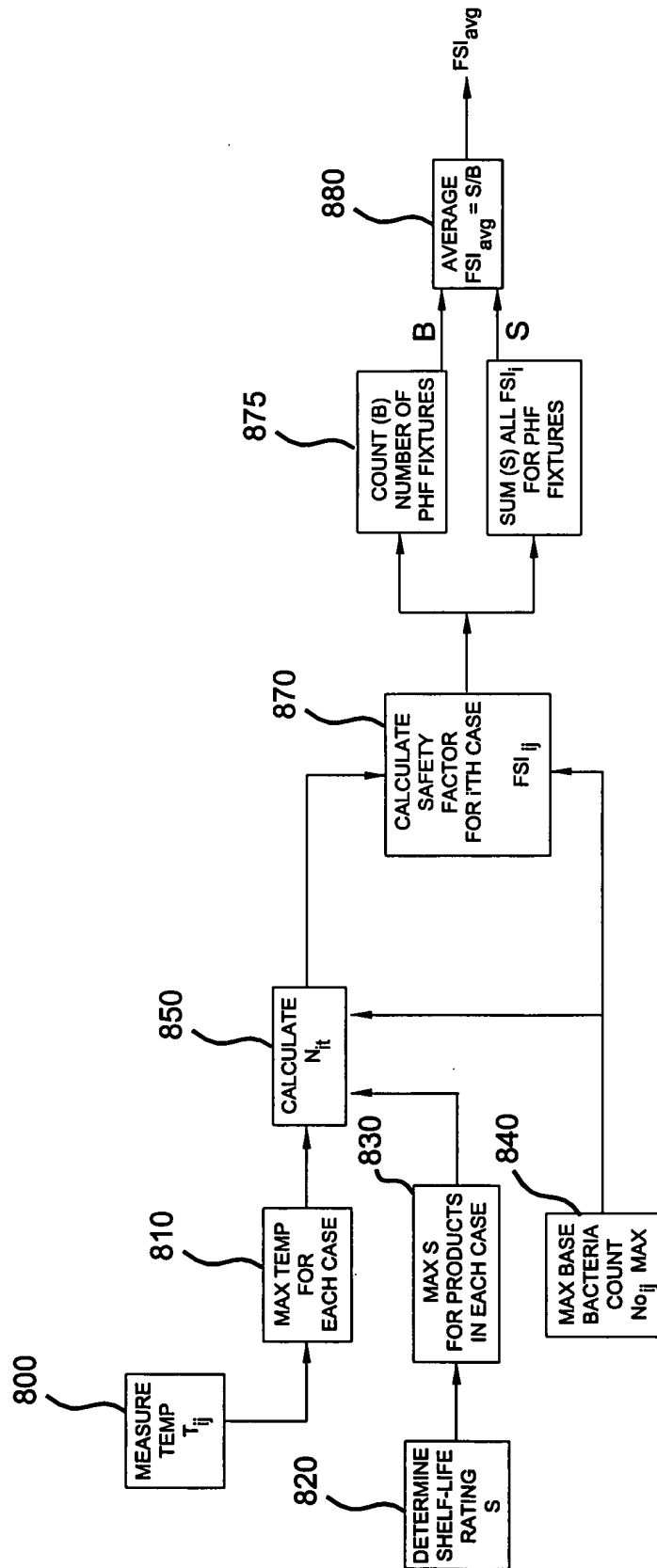


Figure 8

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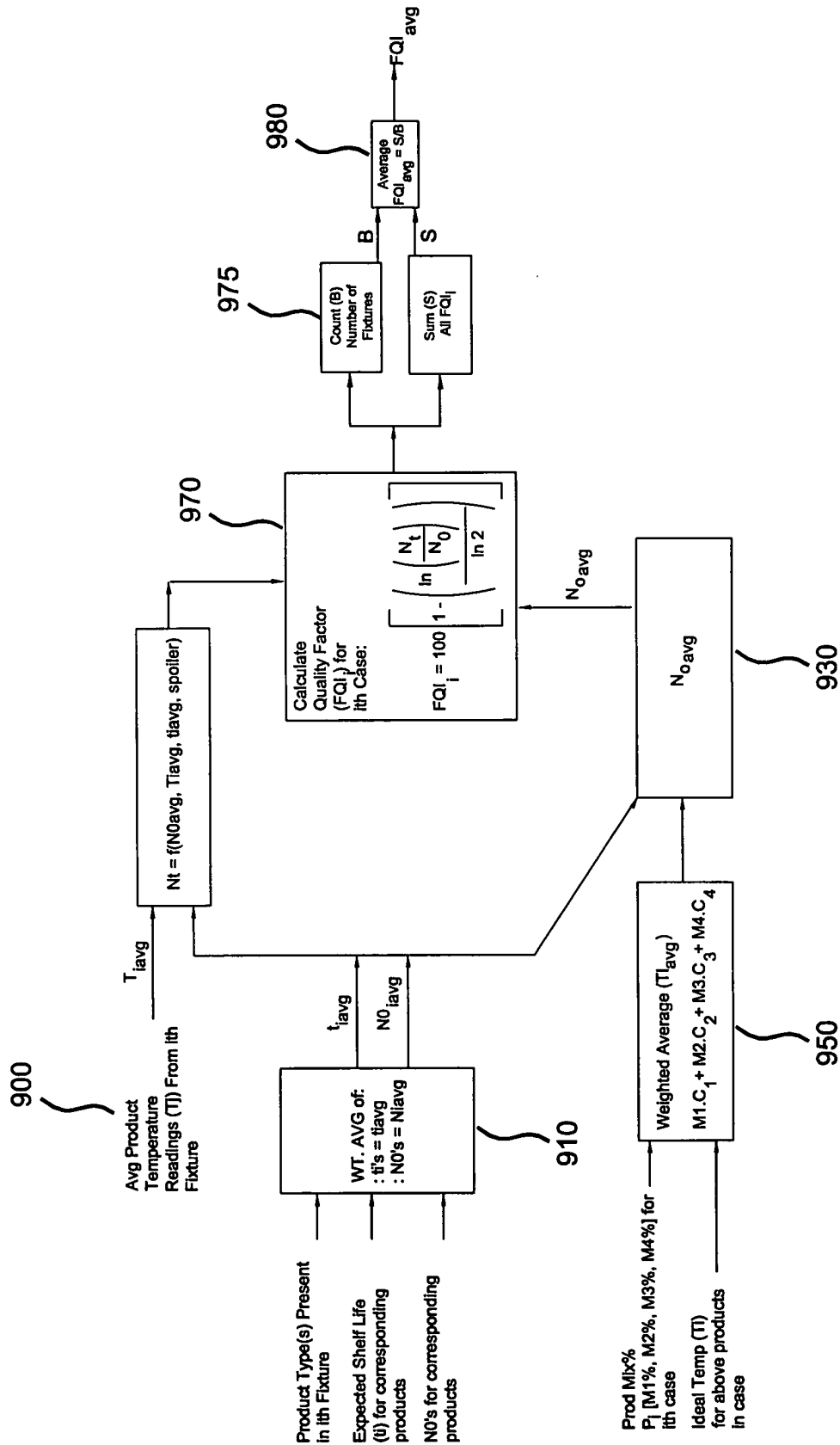


Figure 9

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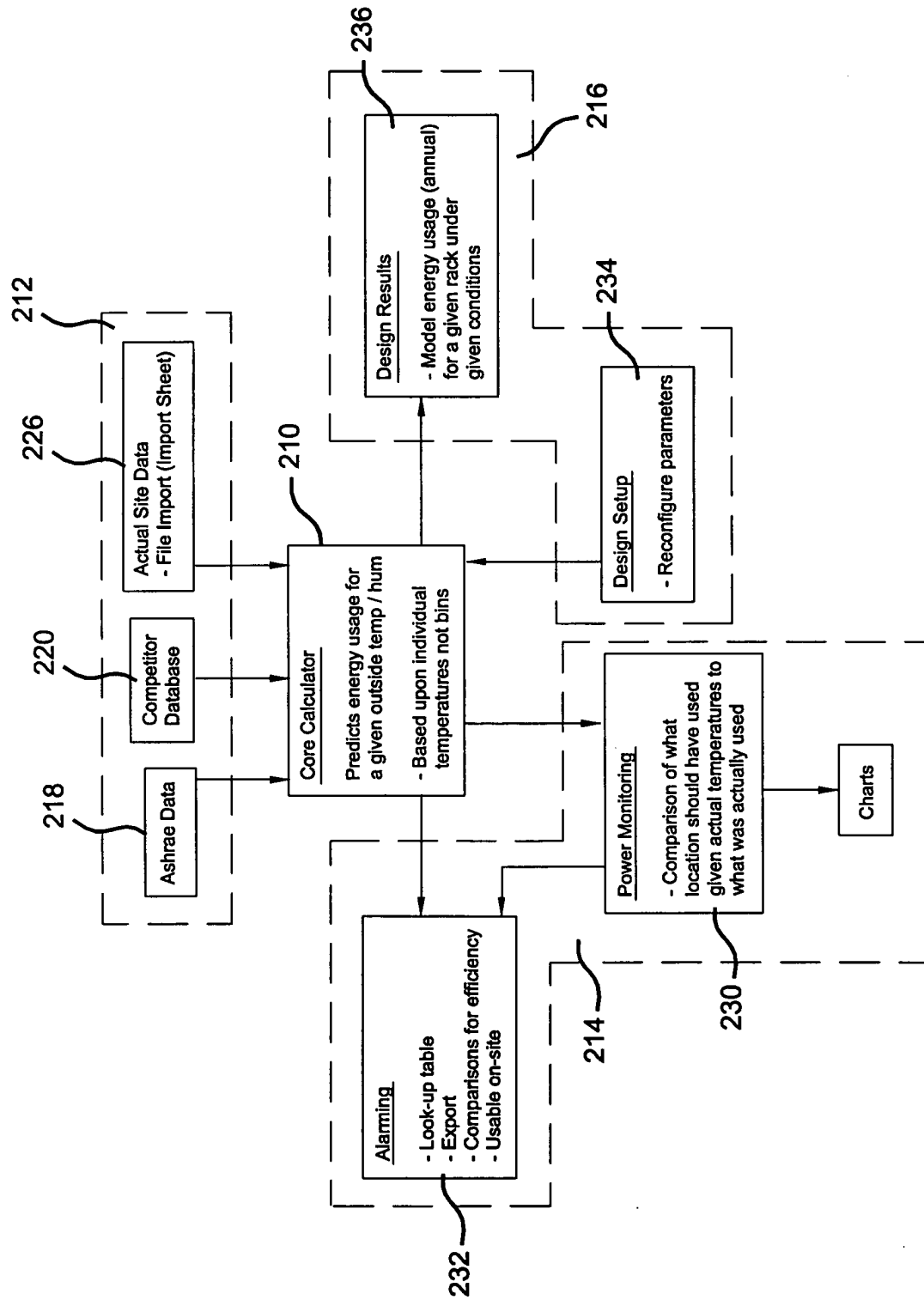


Figure 10

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ASHRAE Data for 72 Cities in Degrees F										WORKING PAGE, DO NOT CHANGE									
typical year through 1998										The bottom and top bins are open ended eg. 126.5 to 99999									
# bins	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
bin size	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F	7F
top range	127F	127F	127F	127F	127F	127F	127F	127F	127F	127F	127F	127F	127F	127F	127F	127F	127F	127F	127F
Month	Bin Temp	DryBulb	WetBulb	ALBIRMTW.WY2 (Edmonton, Alberta)	ALBIRMTW.WY2 (Edmonton, Alberta)	ALBIRMTW.WY2 (Edmonton, Alberta)	ALBIRMTW.WY2 (Edmonton, Alberta)	ALBIRMTW.WY2 (Edmonton, Alberta)	ALBIRMTW.WY2 (Edmonton, Alberta)	ALBIRMTW.WY2 (Edmonton, Alberta)	ALBIRMTW.WY2 (Edmonton, Alberta)	ALBIRMTW.WY2 (Edmonton, Alberta)	ALBIRMTW.WY2 (Edmonton, Alberta)	ALBIRMTW.WY2 (Edmonton, Alberta)	ALBIRMTW.WY2 (Edmonton, Alberta)	ALBIRMTW.WY2 (Edmonton, Alberta)	ALBIRMTW.WY2 (Edmonton, Alberta)	ALBIRMTW.WY2 (Edmonton, Alberta)	ALBIRMTW.WY2 (Edmonton, Alberta)
Jan	126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	-4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	-10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	-17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jan	-99999	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb	126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb	120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb	113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb	107	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb	100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb	94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb	87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb	81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb	74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb	61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb	35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Feb	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Figure 11

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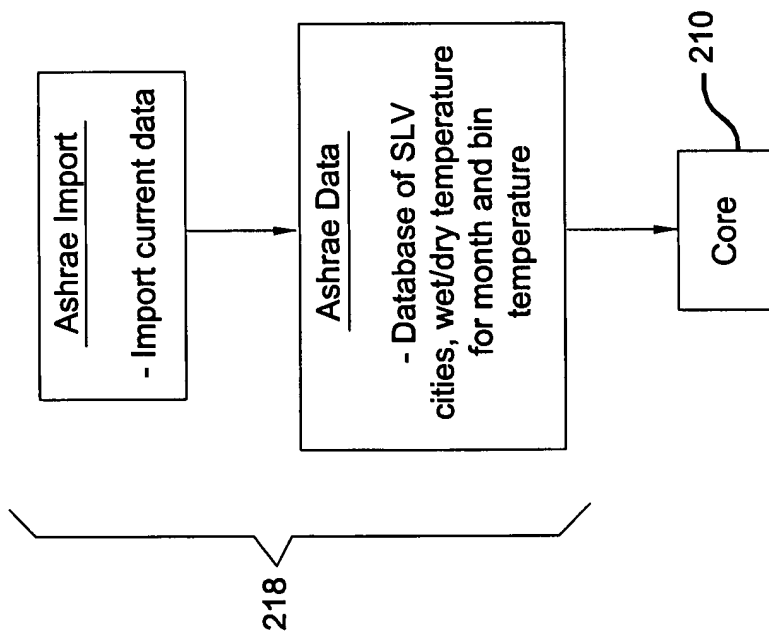


Figure 12

WYEC-2 site NMALBUQW.WY2 (Albuquerque, New Mexico)
Latitude: 35.05 Longitude: -106.62

quantity WYEC2 wetbulb

[illegible]

Figure 13

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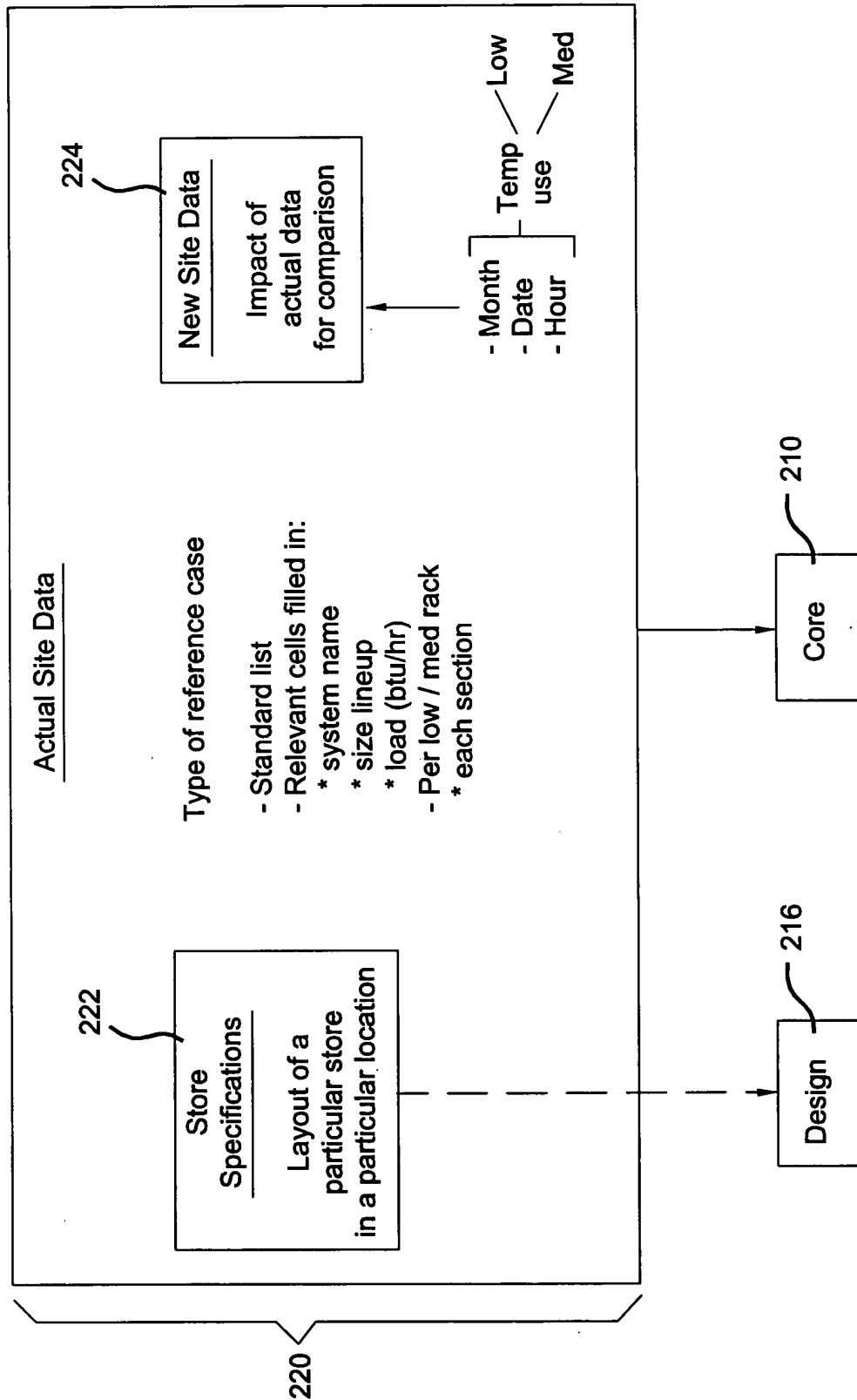


Figure 14

STORE SPECIFICATIONS										1,023,000		Press This to Export Current Canadian Data	
CHAIN..... BASHAS #22 STORE..... DATE..... 1/14/2001 AUTHOR..... Milliken				Total BTU/hr without Diversity Factor To change cities, scroll to the new city and then click the city's APPROXIMATE (Pounds) APPROXIMATE (Pounds) APPROXIMATE (Pounds)									
ASPHENOT (Phone#s)				ENAME#?		ENAME#?		ENAME#?					
Type above numbers is upper and lower				System Name	Size Lineup	Load BTU/hr	System Name	Size Lineup	Load BTU/hr	System Name	Size Lineup		
Load	Units	Note	Factor										
3800	fl	2 Door FF End											
1600	fl	Coffin dairy											
315	fl	Coffin dairy and											
630	pc	Coffin deli											
630	pc	Coffin F.F.											
2700	pc	Coffin F.F. and											
315	fl	Coffin meat											
		For Dairy:											
600	fl	Cooler Doors											
1600	fl	Shop-Around Dairy											
460	fl	Dual temp meat											
1600	fl	Freezer Case											
485	sp	Freezer Case machine											
485	sp	I.C. End											
485	sp	I.C. End											
485	sp	I.C. End											
1250	fl	Island Deli											
1200	fl	Island Produce											
1200	fl	Island Produce											
1200	fl	Island Produce											
1200	fl	Island Produce											
1200	fl	MD Bakery											
1300	fl	MD Beer											
585	fl	MD Beer vendors											
1300	fl	MD Dairy											
1300	fl	MD Dairy											
585	fl	MD Dairy vendors											
1650	fl	MD Deli											
1300	pc	MD Egg Case											
1100	fl	MD Floral											
1700	fl	MD Frozen food											
1700	fl	MD Frozen food											
1700	fl	MD Frozen meat											
1350	fl	MD Meat											
1350	fl	MD Meat											
1300	fl	MD Produce											
1300	fl	MD Produce											
2200	fl	Next Island Deli											
2200	fl	Next Island Deli											
485	fl	Next Island Deli											
630	fl	Next Serv Deli											
8000	fl	Office A/C											
1200	fl	Pizza prep											
1400	fl	Pizza prep											
1400	fl	Pizza prep											
1400	fl	Pizza prep											
1900	fl	RL Beer											
1900	fl	RL Beer											
1700	fl	RL Frozen Food											
1700	fl	RL Frozen Food											
1700	fl	RL Frozen Food											
1700	fl	RL Frozen Food											
1700	fl	RL Frozen Food											
1800	fl	RL Ice Cream											
1800	fl	RL Ice Cream											
1600	fl	RL Juice											
1600	fl	RL Juice											
1380	fl	Refrigerator											

Figure 15

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DO NOT CHANGE... USED FOR ACTUAL DATA ... may be position dependent										ACTUAL DAY BY DAY, HOUR BY HOUR DATA FOR 24 HOUR PERIOD				
ACTUAL DAY BY DAY, HOUR BY HOUR DATA														
Data must be sorted by date and hour														
kwmonth	kwdate	kwhour	temp	kwuselt	kwusemt	Storepop	kwdate	kwhour	temp	kwuselt	kwusemt	Storepop		
1	01/18/01	1.0	44.8	40.8	43.0	2.0	1/18/01	1	39	39	43	2		
1	01/18/01	2.0	44.8	40.8	43.0	2.0	1/18/01	2	39	39	43	2		
1	01/18/01	3.0	44.8	40.8	43.0	2.0	1/18/01	3	39	39	43	2		
1	01/18/01	4.0	44.8	40.8	43.0	2.0	1/18/01	4	39	39	43	2		
1	01/18/01	5.0	44.8	40.8	43.0	2.0	1/18/01	5	39	39	43	2		
1	01/18/01	6.0	44.8	40.8	43.0	2.0	1/18/01	6	39	39	43	2		
1	01/18/01	7.0	44.8	40.8	43.0	2.0	1/18/01	7	39	39	43	2		
1	01/18/01	8.0	44.8	40.8	43.0	2.0	1/18/01	8	39	39	43	2		
1	01/18/01	9.0	44.8	40.8	43.0	2.0	1/18/01	9	39	39	43	2		
1	01/18/01	10.0	44.8	40.8	43.0	2.0	1/18/01	10	39	39	43	2		
1	01/18/01	11.0	44.8	40.8	43.0	2.0	1/18/01	11	39	39	43	2		
1	01/18/01	12.0	44.8	40.8	43.0	2.0	1/18/01	12	39	39	43	2		
1	01/18/01	13.0	44.8	40.8	43.0	2.0	1/18/01	13	39	39	43	2		
1	01/18/01	14.0	44.8	40.8	43.0	2.0	1/18/01	14	39	39	43	2		
1	01/18/01	15.0	44.8	40.8	43.0	2.0	1/18/01	15	39	39	43	2		
1	01/18/01	16.0	44.8	40.8	43.0	2.0	1/18/01	16	39	39	43	2		
1	01/18/01	17.0	44.8	40.8	43.0	2.0	1/18/01	17	39	39	43	2		
1	01/18/01	18.0	44.8	40.8	43.0	2.0	1/18/01	18	39	39	43	2		
1	01/18/01	19.0	44.8	40.8	43.0	2.0	1/18/01	19	39	39	43	2		
1	01/18/01	20.0	44.8	40.8	43.0	2.0	1/18/01	20	39	39	43	2		
1	01/18/01	21.0	44.8	40.8	43.0	2.0	1/18/01	21	39	39	43	2		
1	01/18/01	22.0	44.8	40.8	43.0	2.0	1/18/01	22	39	39	43	2		
1	01/18/01	23.0	44.8	40.8	43.0	2.0	1/18/01	23	39	39	43	2		
1	01/18/01	0.0	44.8	40.8	43.0	2.0	1/19/01	0	39	16	42	2		

Figure 16

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GENERAL MODEL CALCULATIONS																						
LOW and MEDIUM TEMP RACK kWh Use for Each Bin Hour																						
Amb Temp	Cond T Temp	Subcooler T Tin	Suct T		Base Load		Suct T		Base Load		Suct T		Base Load		Suct T		Base Load		Suct T		Base Load	
			Comp Eff.	Comp kW	Comp Eff.	Comp kW	Comp Eff.	Comp kW	Comp Eff.	Comp kW	Comp Eff.	Comp kW	Comp Eff.	Comp kW	Comp Eff.	Comp kW	Comp Eff.	Comp kW	Comp Eff.	Comp kW	Comp Eff.	Comp kW
-25	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
-24	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
-23	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
-22	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
-21	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
-20	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
-19	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
-18	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
-17	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
-16	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
-15	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
-14	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
-13	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
-12	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
-11	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
-10	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
-9	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
-8	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
-7	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
-6	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
-5	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
-4	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
-3	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
-2	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
-1	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
0	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
1	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
2	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
3	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
4	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
5	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
6	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
7	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
8	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
9	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
10	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
11	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
12	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
13	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
14	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-
15	55.5285	40.5	40.5	-	281.332	27.76	-	13.580	1.58	-	-	-	-	-	-	-	-	-	-	-	-	-

Figure 17

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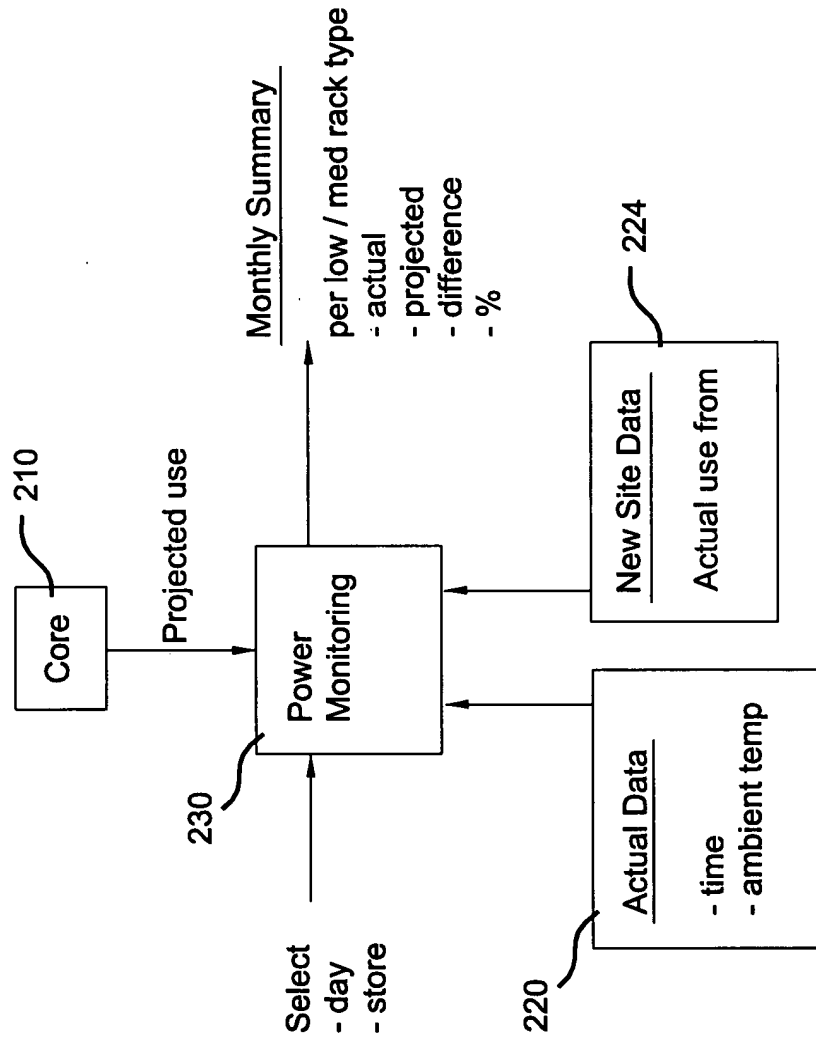


Figure 18

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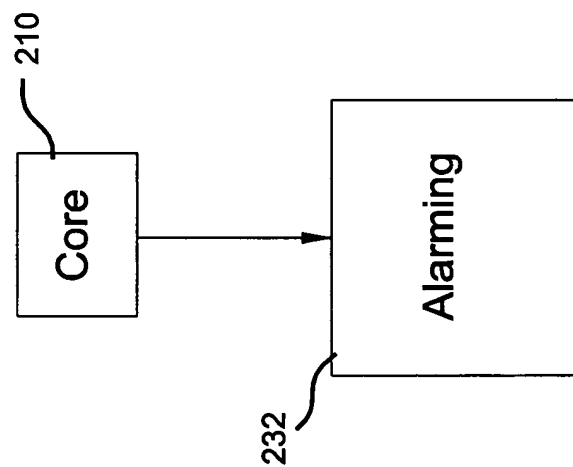


Figure 19

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POWER MONITORING TOOL actual versus projected use									
<div> Enter Beginning Day and Hour to start 24 hour summary Monthly data will begin on the specified date and run for 31 days Yearly data will be accumulated by actual month STORE NAME Beginning Day Beginning Hour (0-23) Date Index ... calculated, do not enter Click to Update Date and Time </div> <div> #22 - MONTHLY SUMMARY LOW TEMP RACK Actual kWh Use 14,938 Projected kWh Use 12,463 Difference 2,475 % Over/Under(-) Proj 19.9% MEDIUM TEMP RACK Actual kWh Use 15,840 Projected kWh Use 9,682 Difference 6,158 % Over/Under(-) Proj 63.6% BOTH LOW AND MEDIUM Actual kWh Use 30,778 Projected kWh Use 22,145 Difference 8,633 % Over/Under(-) Proj 39.0% </div> <div> Comparison Charts available on next page </div>									
ACTUAL HOURLY DATA for selected day									
Time of Day	Ambient Temp	Occupancy Factor	Low Temp Rack Total kWh	Medium Temp Rack Total kWh	Total Total kWh	Low Temp Rack Total kWh	Medium Temp Rack Total kWh	Total Total kWh	Running Total Over Est kWh
1	45		33,825	25,120	58,945	40,381	41,500	81,881	22,936
2	44		33,334	24,450	57,784	40,769	43,000	83,769	25,985
3	44		33,334	24,450	57,784	40,769	43,000	83,769	25,985
4	44		33,334	24,450	57,784	40,769	43,000	83,769	25,985
5	44		33,334	24,450	57,784	40,769	43,000	83,769	25,985
6	44		33,334	24,450	57,784	40,769	43,000	83,769	25,985
7	44		33,334	24,450	57,784	40,769	43,000	83,769	25,985
8	44		33,334	24,450	57,784	40,769	43,000	83,769	25,985
9	44		33,334	24,450	57,784	40,769	43,000	83,769	25,985
10	44		33,334	24,450	57,784	40,769	43,000	83,769	25,985
11	44		33,334	24,450	57,784	40,769	43,000	83,769	25,985
12	44		33,334	24,450	57,784	40,769	43,000	83,769	25,985
13	44		33,334	24,450	57,784	40,769	43,000	83,769	25,985
14	44		33,334	24,450	57,784	40,769	43,000	83,769	25,985
15	44		33,334	24,450	57,784	40,769	43,000	83,769	25,985
16	44		33,334	24,450	57,784	40,769	43,000	83,769	25,985
17	44		33,334	24,450	57,784	40,769	43,000	83,769	25,985
18	44		33,334	24,450	57,784	40,769	43,000	83,769	25,985
19	44		33,334	24,450	57,784	40,769	43,000	83,769	25,985

Figure 20

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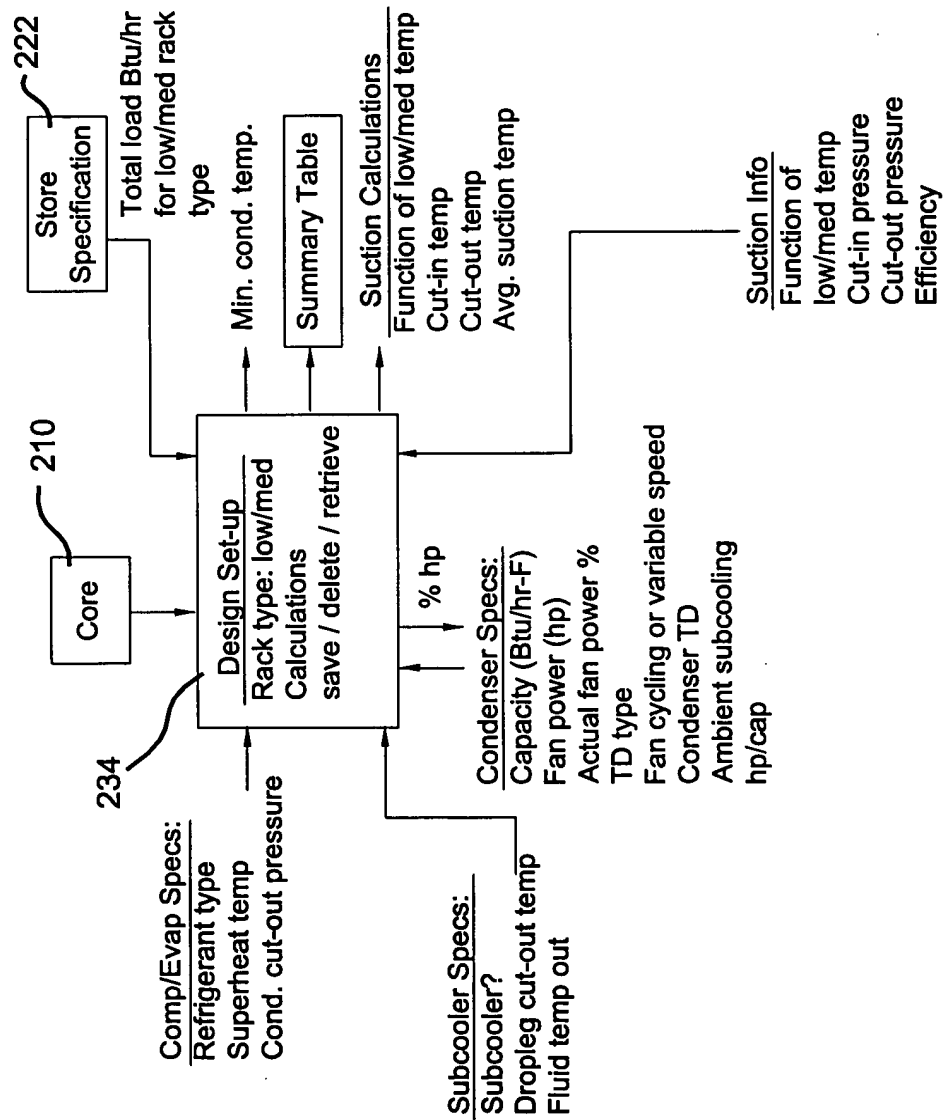


Figure 21

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DESIGN TOOL SETUP		AZPHNIXT (Phoenix)		STORE:	#22	Period	Alt
Select Scenario, Enter Specifications Below, and Save Scenario							
<div> <div> <div>#1 BASE CASE - - High cond temp -LT Rack 2/4/01 807,550 kW</div> <div>#2 RETROFIT CAS - Rev Disch and Suct Press 2/4/01 769,018</div> <div>#3 BASE CASE - - No Subcooler 3/10/01 1,125,150 kWh</div> <div>#4 is available</div> <div>#5 is available</div> <div>#6 is available</div> <div>#7 is available</div> <div>#8 is available</div> <div>#9 is available</div> <div>#10 is available</div> </div> <div> <div>Save</div> <div>Delete</div> <div>Retrieve</div> </div> </div>		<div> <div>Scenario</div> <div>Rev Disch and Suct Press</div> <div>Date</div> <div>2/4/2001</div> <div>Scenario#</div> <div>2</div> <div>Period</div> <div>All</div> </div> <div>Enter items in 'bold' above, before saving scenario</div>					
CURRENT SCENARIO							
<div> <div>Scenario</div> <div>Rev Disch and Suct Press</div> <div>Date</div> <div>2/4/2001</div> <div>Scenario#</div> <div>2</div> <div>Period</div> <div>All</div> </div> <div>Enter items in 'bold' above, before saving scenario</div>							
LOW to MEDIUM TEMP RACK							
Comp/Evap. Spec.							
Refrigerant.....	R-507	Suction #1	-25F	Loads	-25.5F	Suction #2	-35F
Superheat.....	25F	Cut-in:	14.0psig		14.0psig	Cut-in:	8.0psig
Min. cond. temp.....	55.5F	Cut-out:	14.0psig		14.0psig	Cut-out:	8.0psig
Condenser cut-out:	120.0psig	Avg suction			-25.5F	Avg suction	-35.3F
		Comp Eff			65%	Comp Eff	65%
Subcooler Characteristics		Total design load..... 281,332					
Subcooler?	Y	Diversity factor..... 100%					
Dropleg cutout temp	50F	Actual load..... 281,332					
Fluid temp out	50F	Total design load..... 13,580					
		Diversity factor..... 100%					
		Actual load..... 13,580					
Condenser Characteristics		Total design load..... 13,580					
Capacity	18,000 Btu/hr-F	Diversity factor..... 100%					
Fan Power	2 hp	Actual load..... 13,580					
Actual Fan Power	85%	Total design load..... 13,580					
Select TD type below		Diversity factor..... 100%					
fan cycling or variable speed	fan cycling	Actual load..... 13,580					
Condenser TD	20F	Total design load..... 13,580					
Amb. Subcooling	15F	Diversity factor..... 100%					
hp/cap =	1/3	Actual load..... 13,580					
%hp = (%cap)^	2.71	Total design load..... 13,580					
RACKS							
LowTemp	294,912	Compr	350,372	Cond	12,080	Total	362,452
HighTemp	615,221		376,987		29,580		406,567
Total	910,133		727,359		41,660		769,019
taken from Design Tool Results							

Figure 22

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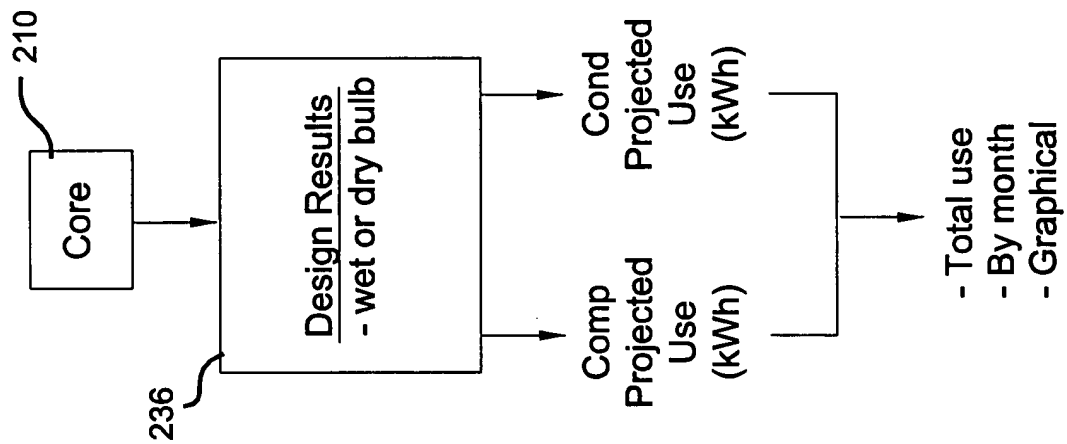


Figure 23

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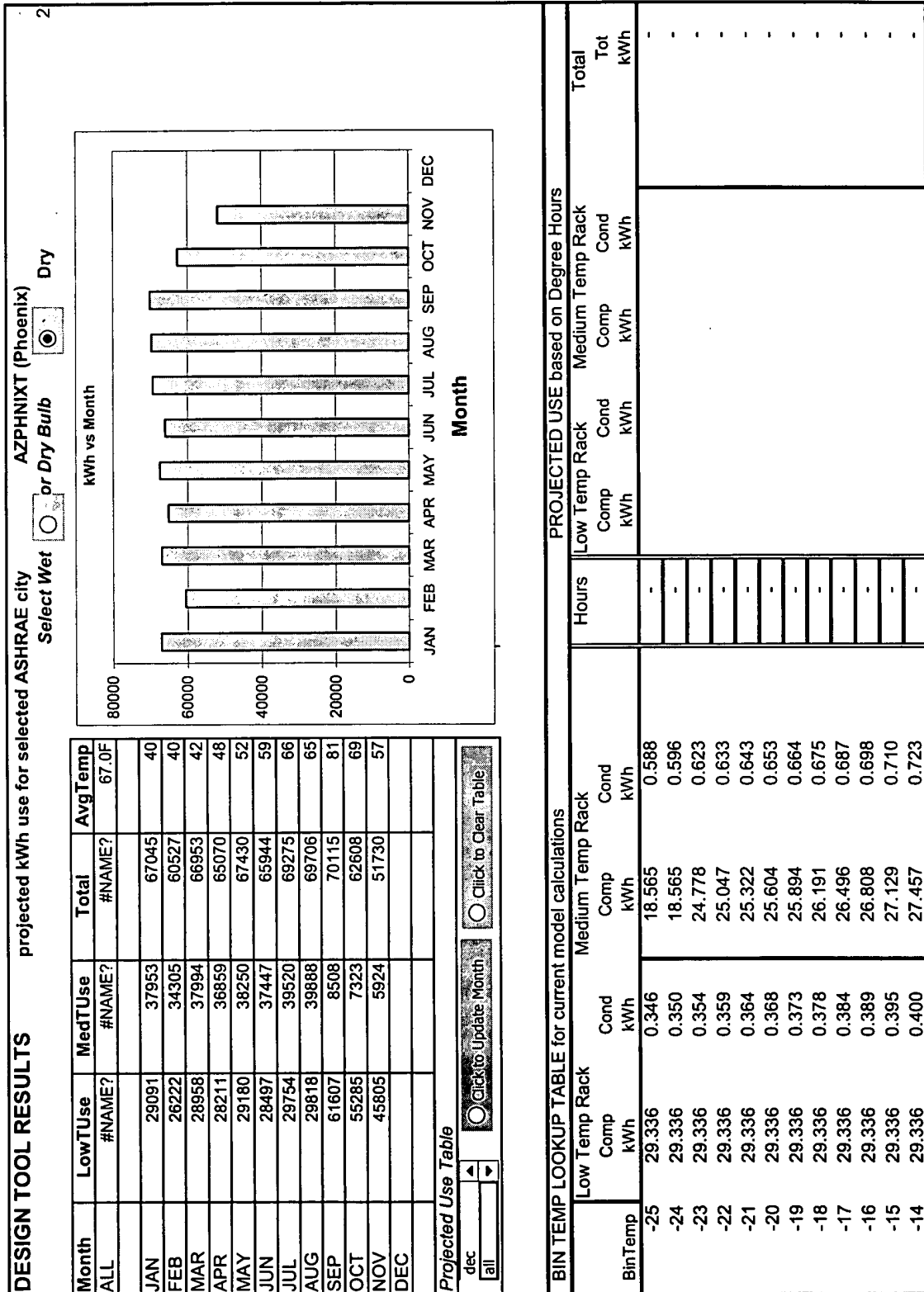


Figure 24

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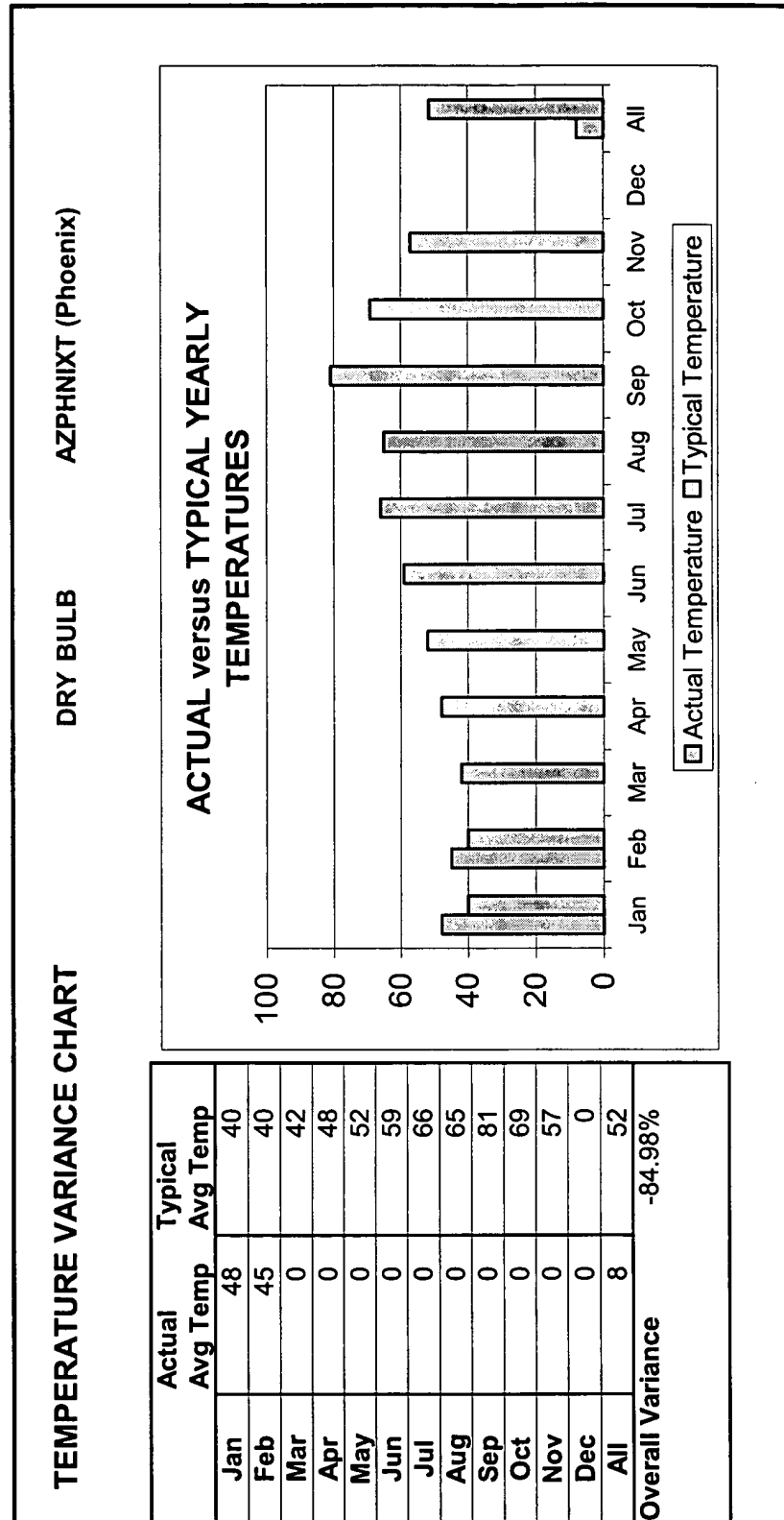


Figure 25

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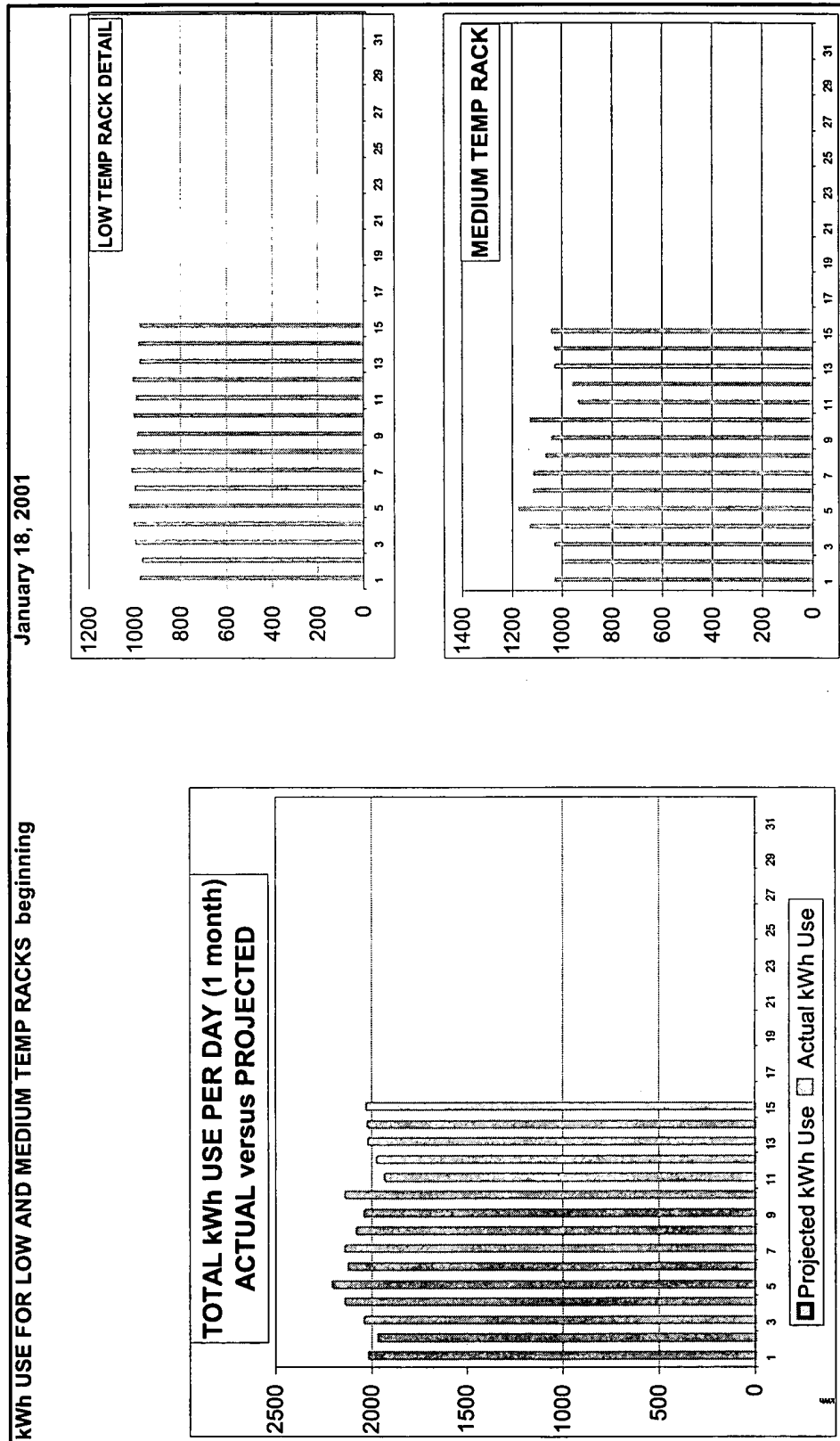
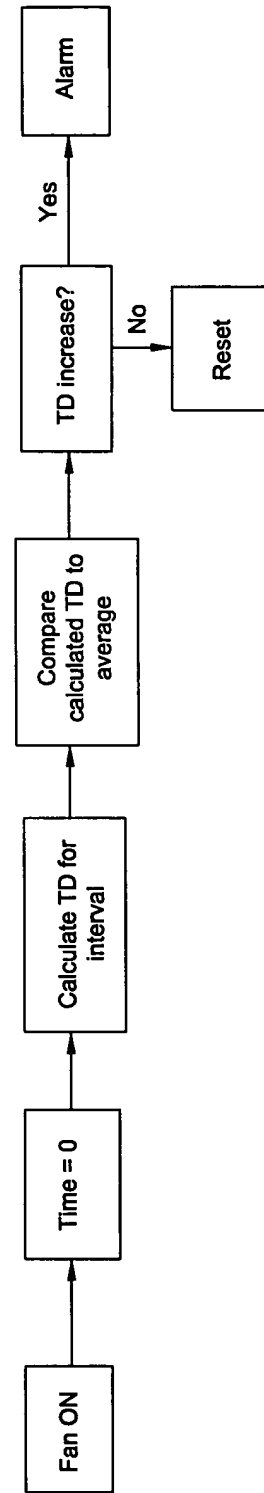
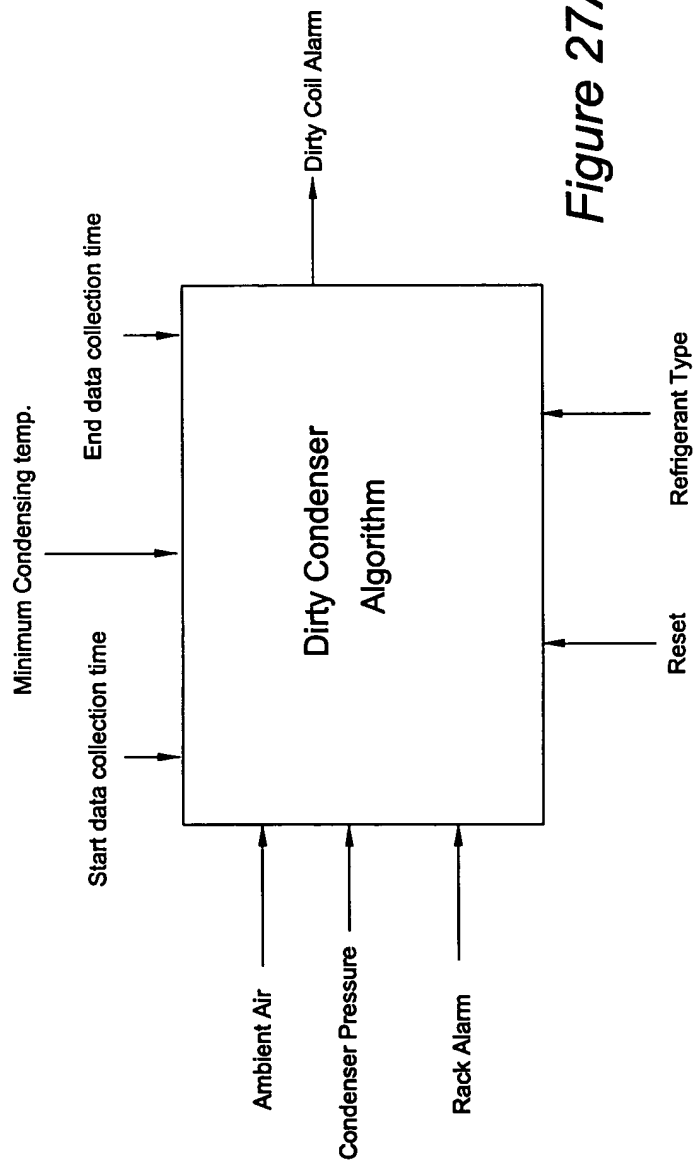


Figure 26

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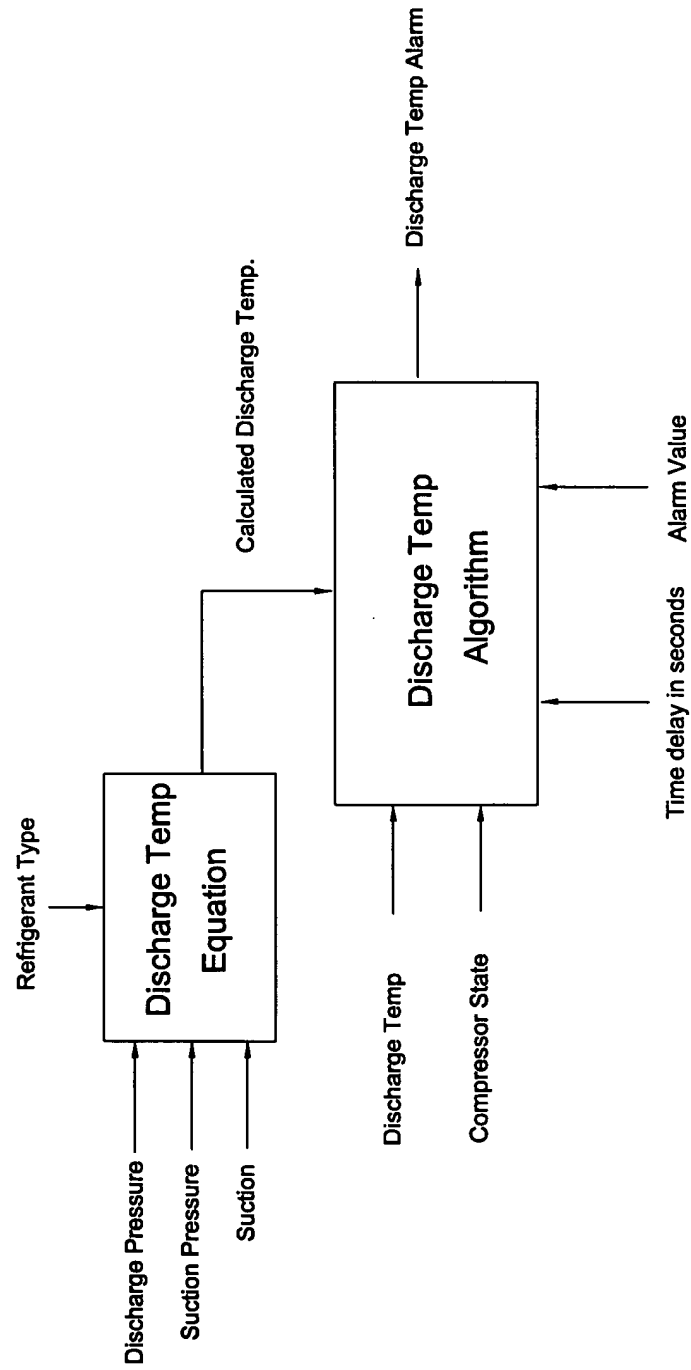


Figure 28

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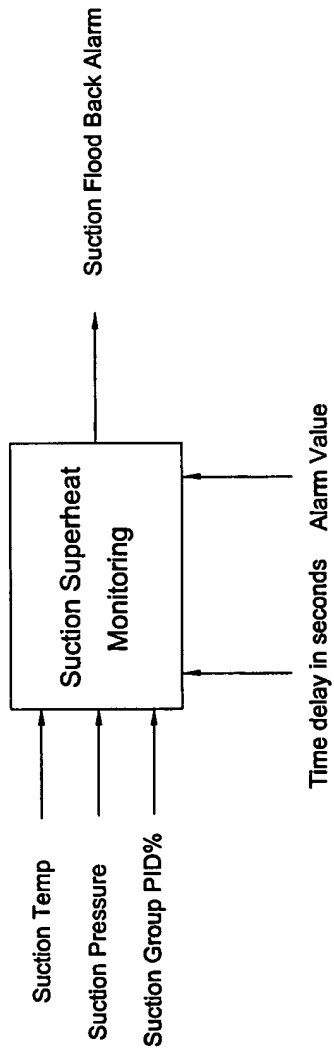


Figure 29A

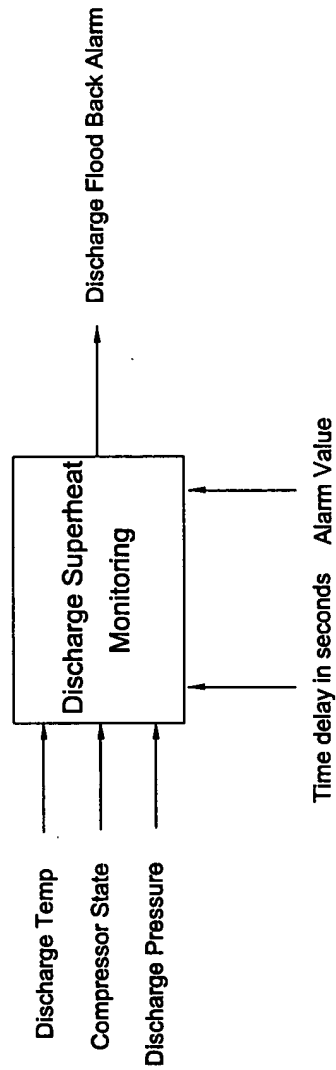


Figure 29B

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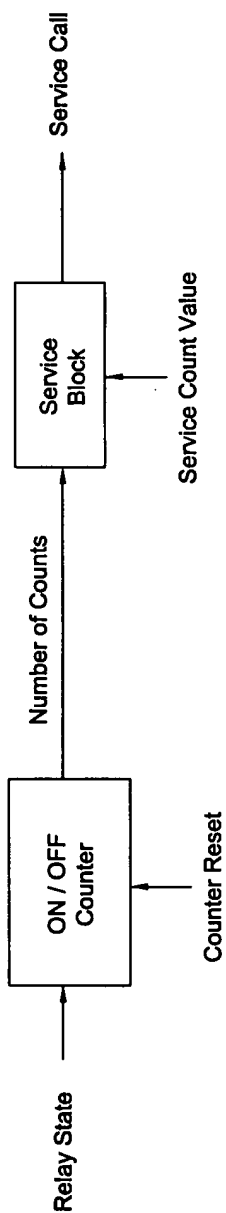


Figure 30

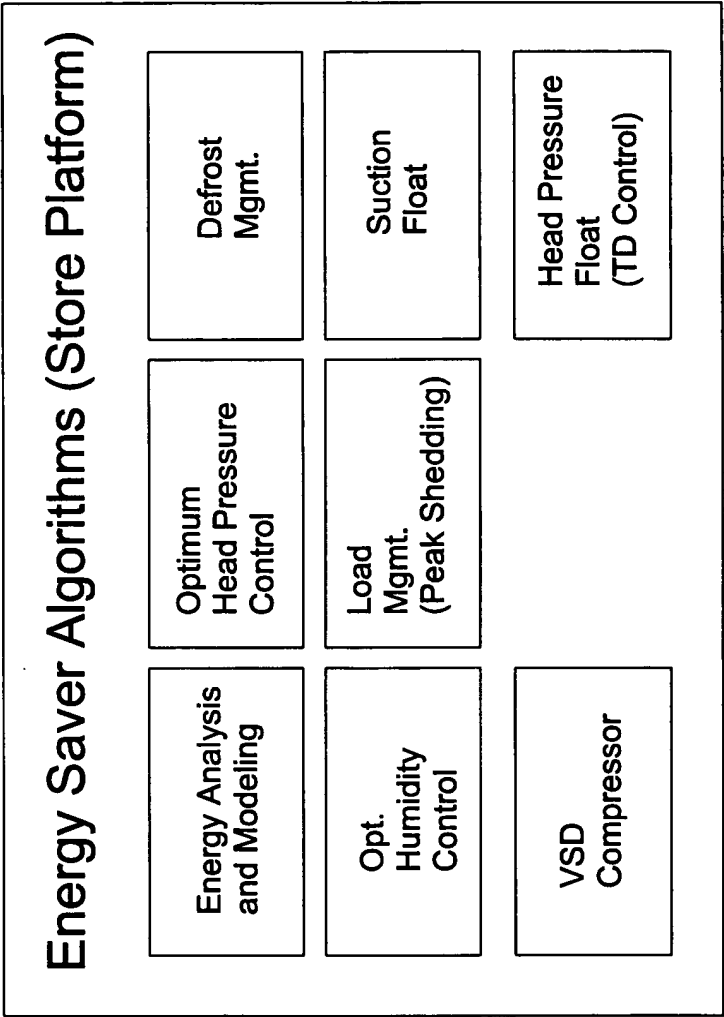


Figure 31

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Actions								
Disc. Air Temp. Sensor Failed	Prod. Temp. Sensor Failed	Disc. Air Time-Temp. Exceeded	Prod. Time-Temp. Exceeded	Prod. Degree-Min. Exceeded	Prod. FDA Time-Temp. Exceeded	Spoiler Count Exceeded	Pathogen Count Exceeded	Prod Temp. Cycling
×								Maintenance Advisory: Non-emergency repair
	×							Maintenance Advisory: Maintenance review remotely and respond as necessary
	×							Store Advisory: Store advised to manually check product temperatures, Maintenance Advisory: Non-emergency repair
×	×							Maintenance Alarm: Immediate action required. Store Advisory: advise manually check of product temperatures
							×	Maintenance Advisory: Review remotely and respond as necessary
			×					Store Advisory: Store advised to inspect / correct per procedures; Call maintenance if cannot resolve
				×				Store Alarm: Store must check product temperatures and condition; remove to other refrigerated storage as reqd.
						×		Store Alarm: Store must immediately inspect product in affected fixture; remove product per date code limits
							×	Store Emergency: Store must immediately remove and discard product per date code limits from affected fixture(s)

Figure 32

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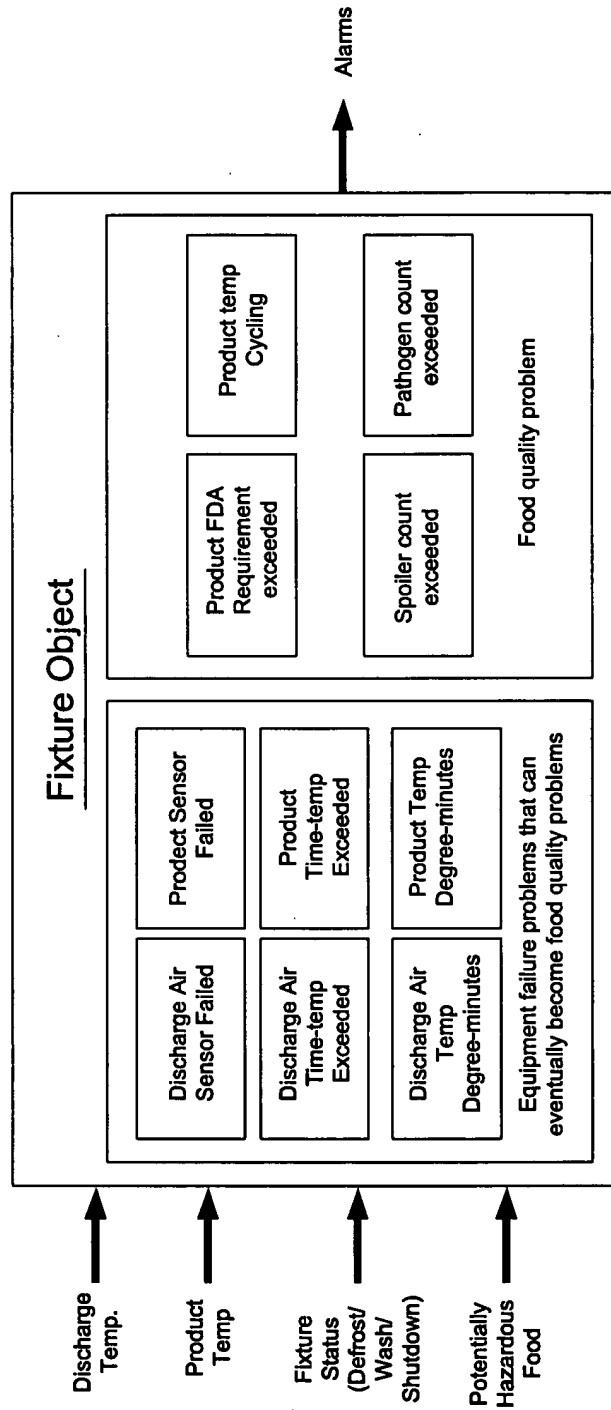


Figure 33

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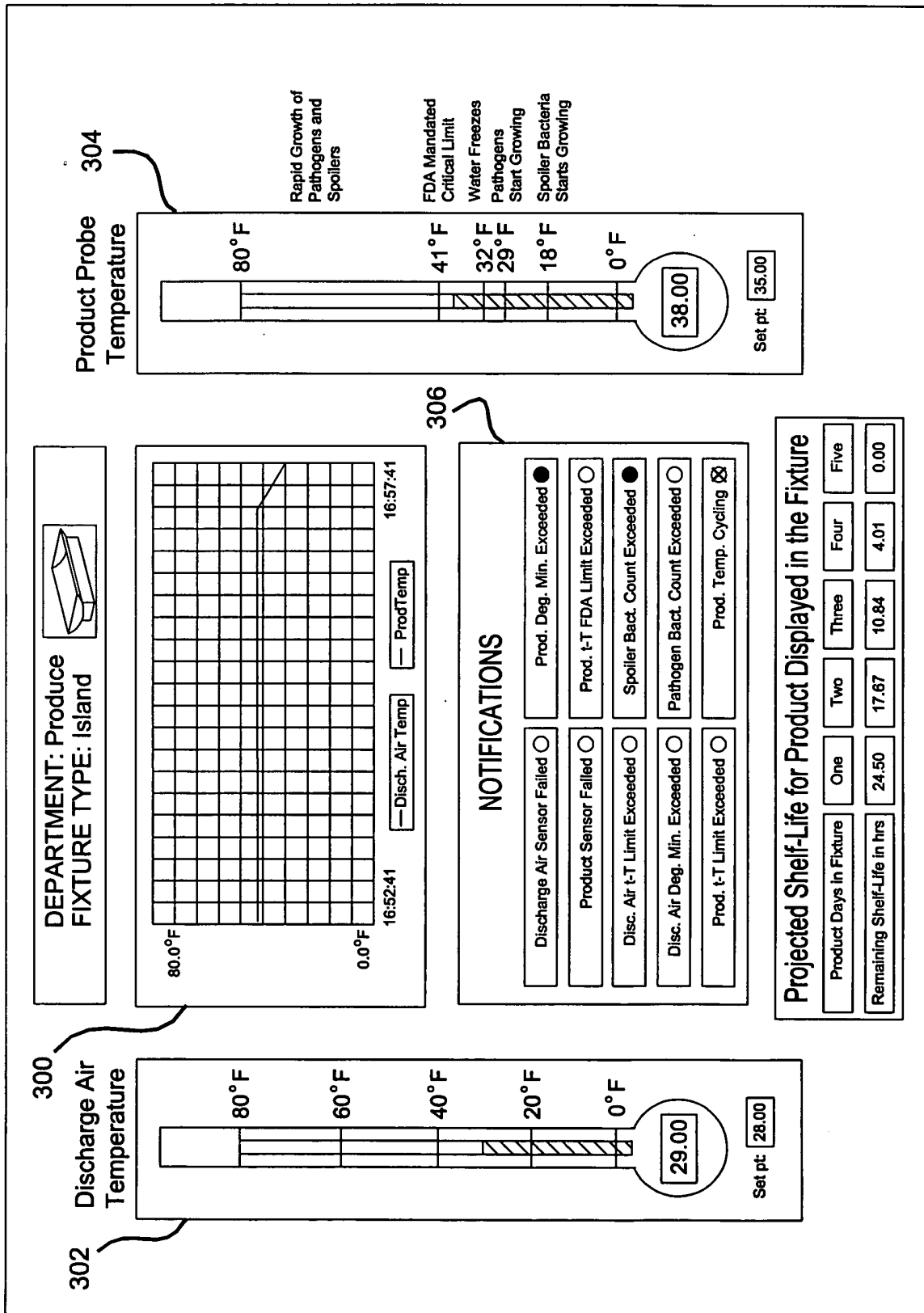


Figure 34